



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

July 1993

JUNE 1993

This bulletin covers 27 agricultural industries in the state of California. The number of industries range from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

Agricultural employment in California totaled 418,800 in June, 9,900 above the May 1993 total. (Table 1-A.) Current employment is three percent above the level of June 1992. Most of the month-to-month job increase occurred in the Desert Region (Grapes and Farm Labor Contracting). Increases also occurred in the Central Coast (Berries and Crop Preparation Services), San Joaquin Valley (Farm Labor Contractors) and the North Coast. Employment remained unchanged in the Sacramento Valley and recorded a substantial drop in the South Coast (Berries and Farm Labor Contracting).

Wage and Salary Workers in Agricultural Establishments

For June 1993

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	418.8	187.7	67.4	69.4	45.3	33.6	13.2
Total Crops	240.7	88.4	49.0	46.6	22.9	22.1	9.6
Total Livestock	26.4	13.5	2.3	1.1	5.5	2.2	2.1
Total Services	151.7	85.8	16.1	21.7	16.9	9.3	1.5

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

June employment was 12,200 above the total for June 1992. Most of this increase occurred in the following industries: Farm Labor Contracting, Grapes, and Berries. All regions recorded employment gains except for the South Coast, which registered no change. (Tables 1-A through 7-A.)

Average hourly earnings in June were \$6.40, down two cents from June 1992. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during June were:

- Desert: Tomatoes and grapes (harvest).
- South Coast: Lemons, broccoli and strawberries (harvest), tomatoes and horticulture (plant, cultivate & harvest).
- Central Coast: Lettuce and strawberries (harvest), miscellaneous vegetables (preharvest & harvest), horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Plums, onions, strawberries, peaches, nectarines, garlic, potatoes, asparagus, and Valencia oranges, (harvest); miscellaneous vegetables (plant, cultivate & harvest); tomatoes (thin & hoe); dairy (milk); orchards and vineyards (thin); cotton (chop, hoe & weed).
- Sacramento Valley: None.
- North Coast: Grapes, wine (canopy management).

AGRICULTURAL PRODUCTION WORKERS

Statewide agricultural production worker employment was 390,800 in June, an increase of 9,700 from May. (Table 1-B.)

The statewide average weekly earnings for production workers were \$266.88 in June. Average weekly earnings ranged from a low of \$253.30, in the San Joaquin Valley, to a high of \$309.23, in the North Coast. (Tables 1-C through 7-C.)

Statewide, the average hourly work week was 41.7 hours in June, one-tenth above the May level. The shortest average work week was in the Desert Region, 37.0 hours. The longest average work week was in the Sacramento Valley Region, 49.0 hours. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For June 1993
(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.40	5.96	6.55	7.21	6.94	5.79	7.06
Total Crops	6.26	5.82	6.44	6.92	6.80	6.03	7.03
Total Livestock	7.11	7.10	7.45	7.48	7.91	6.30	6.48
Total Services	6.48	5.91	6.75	7.92	6.72	5.14	8.18

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

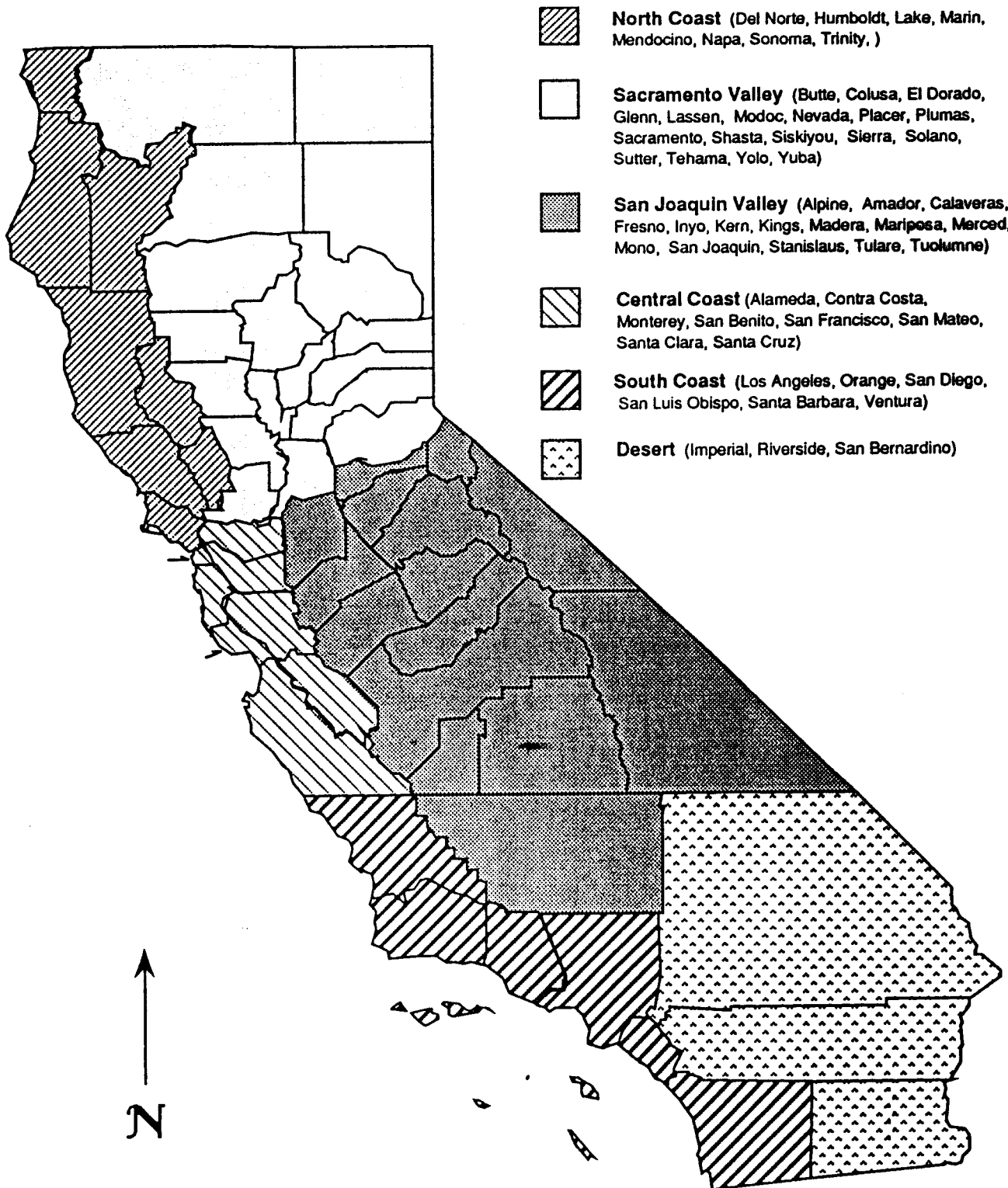
ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994** or call (916) 262-2321. (ATSS 8-469-2321).

CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



CALIFORNIA

Wage and Salary Employment

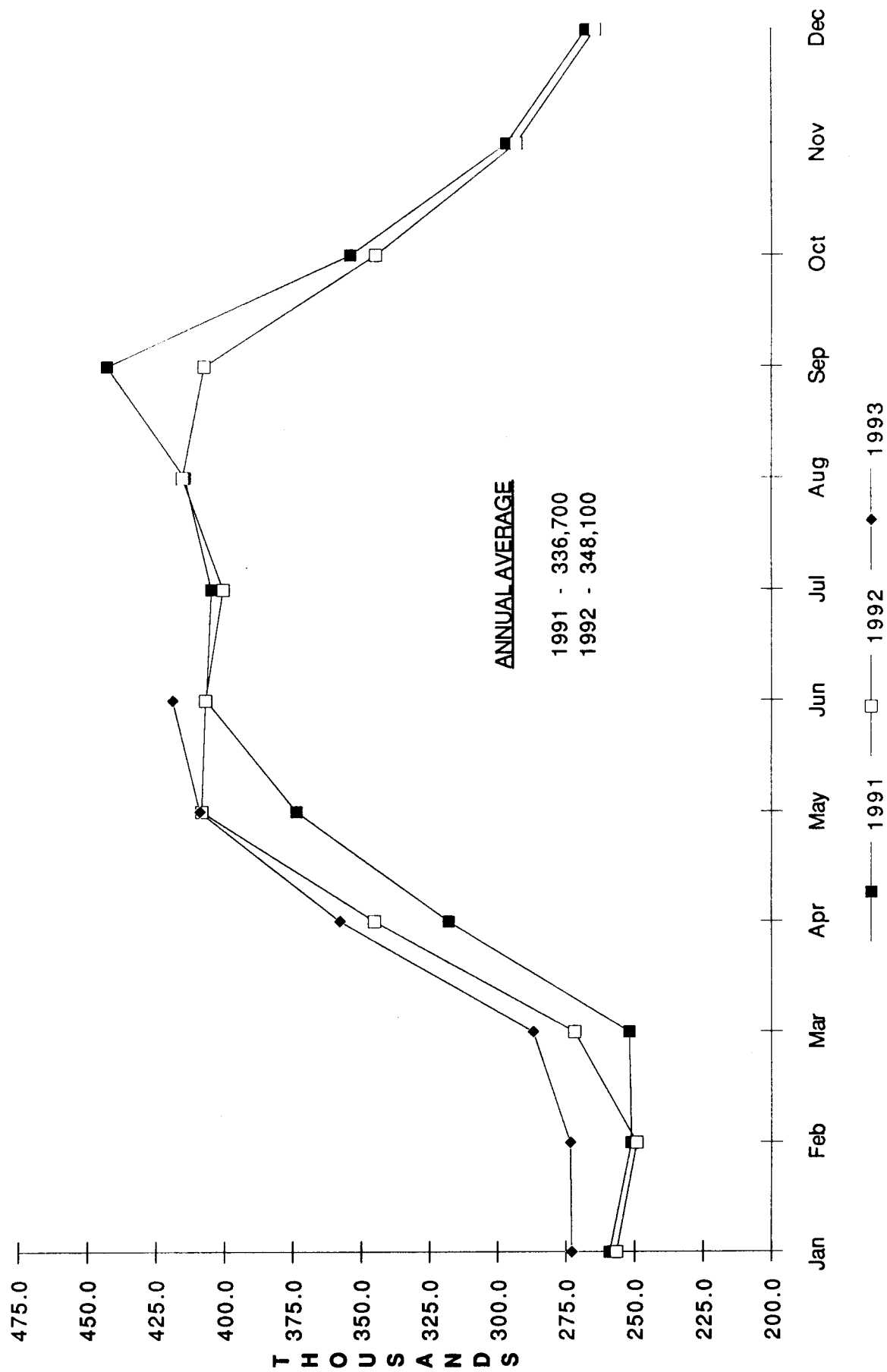


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	418.8	408.9	406.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	240.7	238.2	230.0
CASH GRAINS	2.9	3.2	3.1
RICE	1.4	1.8	1.5
OTHER CASH GRAINS	1.5	1.4	1.6
FIELD CROPS EXCEPT CASH GRAINS	12.5	12.6	14.2
COTTON	6.2	5.9	7.7
OTHER FIELD CROPS	6.3	6.7	6.5
VEGETABLES AND MELONS	34.6	36.4	33.3
TOTAL FRUITS AND TREE NUTS	115.4	109.4	105.7
BERRIES	30.0	32.2	27.2
GRAPES	41.2	34.8	36.7
TREE NUTS	6.3	6.4	6.1
CITRUS FRUITS	6.2	6.5	6.0
DECIDUOUS TREE FRUIT	19.9	18.5	19.2
OTHER FRUITS AND NUTS	11.8	11.0	10.5
TOTAL HORTICULTURAL SPECIALTIES	31.7	32.9	33.0
ORNAMENTAL FLORAL & NURSERY	28.3	29.6	29.5
FOOD CROPS GROWN UNDER COVER	3.4	3.3	3.5
GENERAL FARM PRIMARILY CROP	43.6	43.7	40.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	26.4	26.2	26.9
BEEF CATTLE FEED LOTS	0.7	0.6	0.7
BEEF CATTLE EXCEPT FEED LOTS	4.0	4.0	4.1
DAIRY FARMS	13.7	13.6	13.4
CHICKEN EGGS	2.7	2.6	2.9
TURKEYS & TURKEY EGGS	1.0	1.0	1.1
OTHER LIVESTOCK	4.3	4.4	4.7
TOTAL AGRICULTURAL SERVICES	151.7	144.5	149.7
SOIL PREPARATION SERVICES	1.0	1.0	1.0
CROP SERVICES	50.5	49.9	51.0
PLANT CULTIVATE & PROTECTION	7.7	7.7	6.6
HARVEST PRIMARILY BY MACHINE	8.1	7.0	8.9
PREPARATION SVCS FOR MARKET	33.9	34.4	34.7
COTTON GINNING	0.8	0.8	0.8
TOTAL FARM LABOR & MANAGEMENT	100.2	93.6	97.7
FARM LABOR CONTRACTORS	91.9	85.1	87.3
FARM MANAGEMENT SERVICES	8.3	8.5	10.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	390.8	381.1	379.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	222.7	220.6	212.9
CASH GRAINS	2.5	2.8	2.6
RICE	1.2	1.6	1.2
OTHER CASH GRAINS	1.3	1.2	1.4
FIELD CROPS EXCEPT CASH GRAINS	11.4	11.6	13.2
COTTON	5.7	5.5	7.3
OTHER FIELD CROPS	5.7	6.1	5.9
VEGETABLES AND MELONS	31.9	33.7	30.7
TOTAL FRUITS AND TREE NUTS	110.0	104.1	100.6
BERRIES	29.4	31.6	26.8
GRAPES	39.0	32.5	34.9
TREE NUTS	5.6	5.7	5.4
CITRUS FRUITS	5.6	6.0	5.5
DECIDUOUS TREE FRUIT	19.1	17.7	18.0
OTHER FRUITS AND NUTS	11.3	10.6	10.0
TOTAL HORTICULTURAL SPECIALTIES	25.9	27.1	27.2
ORNAMENTAL FLORAL & NURSERY	23.0	24.2	24.2
FOOD CROPS GROWN UNDER COVER	2.9	2.9	3.0
GENERAL FARM PRIMARILY CROP	41.0	41.3	38.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	23.2	22.8	23.2
BEEF CATTLE FEED LOTS	0.6	0.5	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.2	3.2	3.4
DAIRY FARMS	12.8	12.6	12.5
CHICKEN EGGS	2.1	2.0	1.9
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.7	3.7	4.0
TOTAL AGRICULTURAL SERVICES	144.9	137.7	143.3
SOIL PREPARATION SERVICES	0.7	0.7	0.8
CROP SERVICES	46.3	45.8	46.5
PLANT CULTIVATE & PROTECTION	6.9	6.8	5.4
HARVEST PRIMARILY BY MACHINE	7.8	6.7	8.6
PREPARATION SVCS FOR MARKET	31.1	31.7	32.0
COTTON GINNING	0.5	0.6	0.5
TOTAL FARM LABOR & MANAGEMENT	97.9	91.2	96.0
FARM LABOR CONTRACTORS	90.4	83.5	86.6
FARM MANAGEMENT SERVICES	7.5	7.7	9.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	266.88	270.82	254.87
TOTAL AGRICULTURAL PRODUCTION/CROPS	269.18	276.89	272.43
CASH GRAINS	342.25	380.80	343.72
RICE	319.00	384.78	355.01
OTHER CASH GRAINS	363.07	376.17	333.40
FIELD CROPS EXCEPT CASH GRAINS	319.67	323.72	318.37
COTTON	315.74	309.95	328.13
OTHER FIELD CROPS	323.12	335.44	306.64
VEGETABLES AND MELONS	320.16	328.51	300.84
TOTAL FRUITS AND TREE NUTS	242.53	242.58	246.72
BERRIES	246.27	249.66	227.47
GRAPES	249.56	243.97	266.90
TREE NUTS	247.13	267.75	271.49
CITRUS FRUITS	261.93	266.79	285.65
DECIDUOUS TREE FRUIT	218.55	214.12	228.90
OTHER FRUITS AND NUTS	238.88	234.62	229.77
TOTAL HORTICULTURAL SPECIALTIES	315.52	328.29	315.10
ORNAMENTAL FLORAL & NURSERY	307.37	321.22	308.41
FOOD CROPS GROWN UNDER COVER	380.22	390.23	370.01
GENERAL FARM PRIMARILY CROP	254.69	267.38	262.53
TOTAL AGRIC PRODUCTION/LIVESTOCK	332.75	355.36	337.95
BEEF CATTLE FEED LOTS	355.77	362.30	361.31
BEEF CATTLE EXCEPT FEED LOTS	332.13	348.06	329.41
DAIRY FARMS	341.74	376.46	354.78
CHICKEN EGGS	309.35	309.15	309.58
TURKEYS & TURKEY EGGS	330.41	330.18	321.55
OTHER LIVESTOCK	309.58	322.20	304.50
TOTAL AGRICULTURAL SERVICES	251.42	247.59	216.19
SOIL PREPARATION SERVICES	549.64	535.34	460.65
CROP SERVICES	269.56	278.20	267.42
PLANT CULTIVATE & PROTECTION	315.32	333.20	316.47
HARVEST PRIMARILY BY MACHINE	266.04	281.94	241.78
PREPARATION SVCS FOR MARKET	259.74	265.30	265.84
COTTON GINNING	284.11	301.37	308.59
TOTAL FARM LABOR & MANAGEMENT	241.08	229.95	189.05
FARM LABOR CONTRACTORS	236.84	222.41	178.50
FARM MANAGEMENT SERVICES	288.84	312.33	286.42

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	41.7	41.6	39.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.0	43.4	42.7
CASH GRAINS	51.7	56.0	54.3
RICE	47.4	53.0	54.2
OTHER CASH GRAINS	55.6	59.9	54.3
FIELD CROPS EXCEPT CASH GRAINS	50.5	50.9	51.6
COTTON	48.8	46.4	52.5
OTHER FIELD CROPS	52.2	54.9	50.6
VEGETABLES AND MELONS	46.0	47.2	43.6
TOTAL FRUITS AND TREE NUTS	39.5	39.0	39.1
BERRIES	38.6	38.0	33.8
GRAPES	39.3	38.3	40.5
TREE NUTS	42.1	45.0	45.4
CITRUS FRUITS	37.1	36.9	39.4
DECIDUOUS TREE FRUIT	40.1	40.4	42.0
OTHER FRUITS AND NUTS	41.4	39.3	40.1
TOTAL HORTICULTURAL SPECIALTIES	46.4	47.1	46.0
ORNAMENTAL FLORAL & NURSERY	46.5	47.1	46.1
FOOD CROPS GROWN UNDER COVER	45.7	47.3	45.4
GENERAL FARM PRIMARILY CROP	45.4	46.1	44.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.8	49.7	47.2
BEEF CATTLE FEED LOTS	53.1	51.1	55.5
BEEF CATTLE EXCEPT FEED LOTS	42.8	46.1	48.3
DAIRY FARMS	48.2	52.8	48.6
CHICKEN EGGS	46.8	45.8	44.1
TURKEYS & TURKEY EGGS	53.9	53.6	52.8
OTHER LIVESTOCK	42.7	43.6	40.6
TOTAL AGRICULTURAL SERVICES	38.8	37.4	34.1
SOIL PREPARATION SERVICES	60.4	58.7	50.9
CROP SERVICES	37.7	38.8	39.5
PLANT CULTIVATE & PROTECTION	42.9	43.9	44.2
HARVEST PRIMARILY BY MACHINE	36.0	38.1	36.8
PREPARATION SVCS FOR MARKET	37.0	37.9	39.5
COTTON GINNING	36.1	38.1	41.2
TOTAL FARM LABOR & MANAGEMENT	39.2	36.5	31.3
FARM LABOR CONTRACTORS	38.7	35.7	30.0
FARM MANAGEMENT SERVICES	44.3	45.2	43.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	6.40	6.51	6.42
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.26	6.38	6.38
CASH GRAINS	6.62	6.80	6.33
RICE	6.73	7.26	6.55
OTHER CASH GRAINS	6.53	6.28	6.14
FIELD CROPS EXCEPT CASH GRAINS	6.33	6.36	6.17
COTTON	6.47	6.68	6.25
OTHER FIELD CROPS	6.19	6.11	6.06
VEGETABLES AND MELONS	6.96	6.96	6.90
TOTAL FRUITS AND TREE NUTS	6.14	6.22	6.31
BERRIES	6.38	6.57	6.73
GRAPES	6.35	6.37	6.59
TREE NUTS	5.87	5.95	5.98
CITRUS FRUITS	7.06	7.23	7.25
DECIDUOUS TREE FRUIT	5.45	5.30	5.45
OTHER FRUITS AND NUTS	5.77	5.97	5.73
TOTAL HORTICULTURAL SPECIALTIES	6.80	6.97	6.85
ORNAMENTAL FLORAL & NURSERY	6.61	6.82	6.69
FOOD CROPS GROWN UNDER COVER	8.32	8.25	8.15
GENERAL FARM PRIMARILY CROP	5.61	5.80	5.86
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.11	7.15	7.16
BEEF CATTLE FEED LOTS	6.70	7.09	6.51
BEEF CATTLE EXCEPT FEED LOTS	7.76	7.55	6.82
DAIRY FARMS	7.09	7.13	7.30
CHICKEN EGGS	6.61	6.75	7.02
TURKEYS & TURKEY EGGS	6.13	6.16	6.09
OTHER LIVESTOCK	7.25	7.39	7.50
TOTAL AGRICULTURAL SERVICES	6.48	6.62	6.34
SOIL PREPARATION SERVICES	9.10	9.12	9.05
CROP SERVICES	7.15	7.17	6.77
PLANT CULTIVATE & PROTECTION	7.35	7.59	7.16
HARVEST PRIMARILY BY MACHINE	7.39	7.40	6.57
PREPARATION SVCS FOR MARKET	7.02	7.00	6.73
COTTON GINNING	7.87	7.91	7.49
TOTAL FARM LABOR & MANAGEMENT	6.15	6.30	6.04
FARM LABOR CONTRACTORS	6.12	6.23	5.95
FARM MANAGEMENT SERVICES	6.52	6.91	6.63

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employer

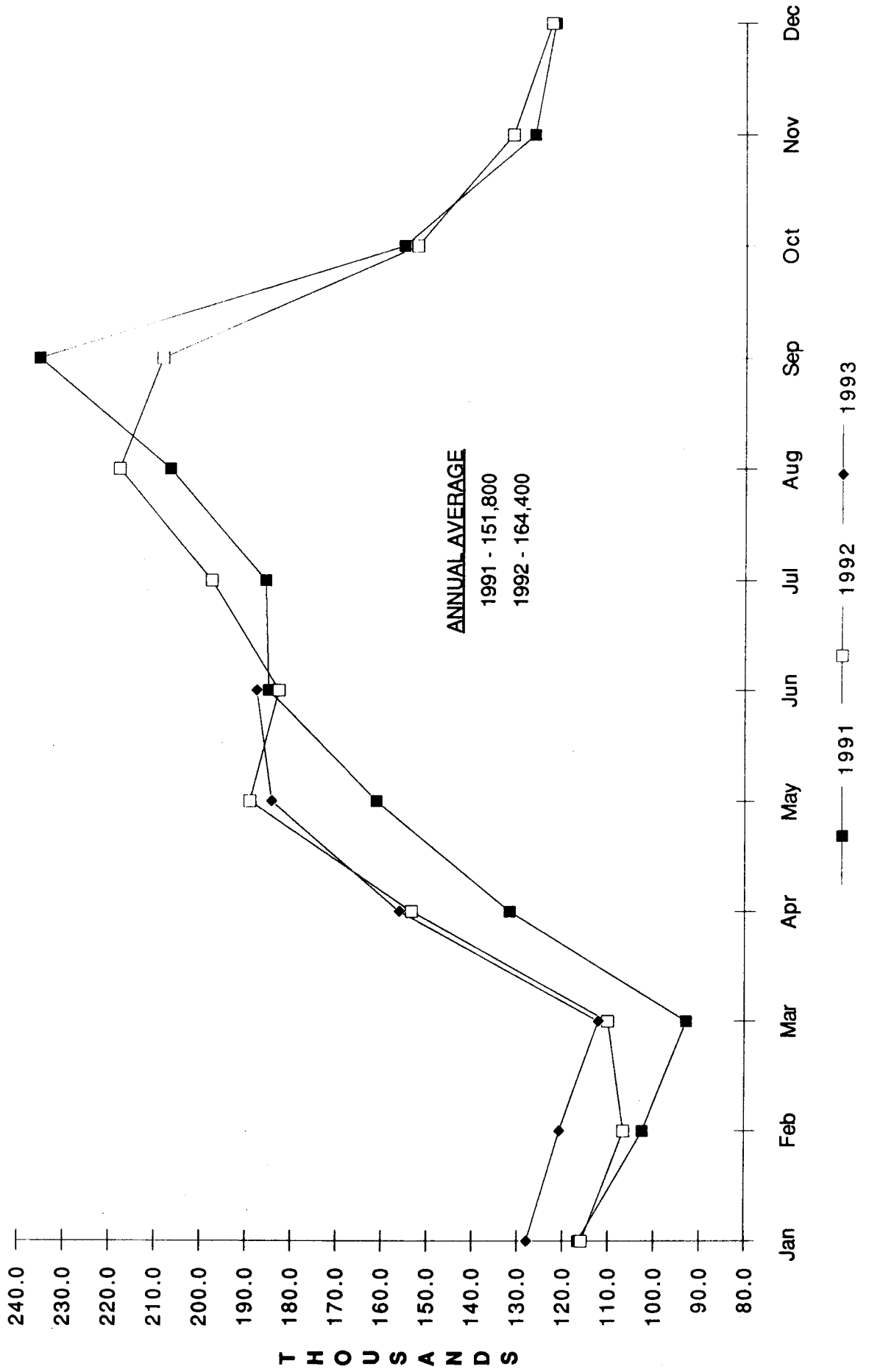


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	187.7	184.3	182.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	88.4	88.7	84.8
TOTAL FIELD CROPS	10.3	10.6	11.7
COTTON	6.0	5.7	7.5
OTHER FIELD CROPS	4.3	4.9	4.2
VEGETABLES AND MELONS	6.4	6.4	6.3
TOTAL FRUITS AND TREE NUTS	47.5	46.7	41.9
GRAPES	20.1	20.3	16.4
TREE NUTS	4.2	4.3	3.9
CITRUS FRUITS	3.0	3.4	2.7
DECIDUOUS TREE FRUIT	12.4	11.9	12.8
OTHER FRUITS AND NUTS	7.8	6.8	6.1
HORTICULTURAL SPECIALTIES	2.7	3.2	3.4
GENERAL FARM PRIMARILY CROP	21.5	21.8	21.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.5	13.4	13.9
BEEF CATTLE FEED LOTS	0.3	0.2	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.3	1.4
DAIRY FARMS	8.7	8.7	8.6
POULTRY & EGGS	2.0	2.0	2.3
OTHER LIVESTOCK	1.2	1.2	1.3
TOTAL AGRICULTURAL SERVICES	85.8	82.2	84.1
CROP SERVICES	23.0	23.6	25.3
PLANT CULTIVATE & PROTECTION	4.1	3.8	3.9
HARVEST PRIMARILY BY MACHINE	3.3	2.4	3.3
PREPARATION SVCS FOR MARKET	14.9	16.6	17.4
COTTON GINNING	0.7	0.8	0.7
TOTAL FARM LABOR & MANAGEMENT	62.8	58.6	58.8
FARM LABOR CONTRACTORS	57.9	53.7	53.1
FARM MANAGEMENT SERVICES	4.9	4.9	5.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	177.6	174.0	173.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	83.4	83.9	80.0
TOTAL FIELD CROPS	9.4	9.8	10.8
COTTON	5.6	5.3	7.0
OTHER FIELD CROPS	3.8	4.5	3.8
VEGETABLES AND MELONS	5.9	5.9	5.9
TOTAL FRUITS AND TREE NUTS	45.7	44.8	39.8
GRAPES	19.4	19.5	15.8
TREE NUTS	3.8	3.9	3.5
CITRUS FRUITS	2.8	3.2	2.6
DECIDUOUS TREE FRUIT	12.0	11.6	12.1
OTHER FRUITS AND NUTS	7.7	6.6	5.8
HORTICULTURAL SPECIALTIES	2.3	2.8	3.0
GENERAL FARM PRIMARILY CROP	20.1	20.6	20.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.2	12.1	12.4
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.1	1.1
DAIRY FARMS	8.1	8.0	8.0
POULTRY & EGGS	1.8	1.8	2.0
OTHER LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	82.0	78.0	80.7
CROP SERVICES	20.7	21.1	22.7
PLANT CULTIVATE & PROTECTION	3.5	3.2	3.3
HARVEST PRIMARILY BY MACHINE	3.3	2.2	3.1
PREPARATION SVCS FOR MARKET	13.4	15.2	15.8
COTTON GINNING	0.5	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	61.3	56.9	58.0
FARM LABOR CONTRACTORS	56.8	52.5	52.7
FARM MANAGEMENT SERVICES	4.5	4.4	5.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	253.30	252.56	237.60
TOTAL AGRICULTURAL PRODUCTION/CROPS	256.66	255.90	261.66
TOTAL FIELD CROPS	319.41	320.67	319.99
COTTON	315.58	309.75	326.15
OTHER FIELD CROPS	323.68	334.45	309.75
VEGETABLES AND MELONS	270.80	289.66	287.47
TOTAL FRUITS AND TREE NUTS	234.32	225.83	240.12
GRAPES	249.96	228.26	247.04
TREE NUTS	245.60	264.03	274.80
CITRUS FRUITS	233.57	247.41	273.46
DECIDUOUS TREE FRUIT	211.70	202.40	220.96
OTHER FRUITS AND NUTS	226.46	227.89	225.03
HORTICULTURAL SPECIALTIES	335.51	394.47	299.92
GENERAL FARM PRIMARILY CROP	264.38	261.77	259.58
TOTAL AGRIC PRODUCTION/LIVESTOCK	338.67	363.40	342.24
BEEF CATTLE FEED LOTS	344.22	365.08	402.19
BEEF CATTLE EXCEPT FEED LOTS	338.22	361.38	329.21
DAIRY FARMS	345.09	380.03	348.24
POULTRY & EGGS	327.06	320.16	332.39
OTHER LIVESTOCK	303.16	311.17	316.06
TOTAL AGRICULTURAL SERVICES	236.99	231.73	197.57
CROP SERVICES	263.34	272.14	262.91
PLANT CULTIVATE & PROTECTION	346.67	368.35	321.02
HARVEST PRIMARILY BY MACHINE	291.49	364.71	265.59
PREPARATION SVCS FOR MARKET	233.95	237.60	248.81
COTTON GINNING	278.06	294.13	305.56
TOTAL FARM LABOR & MANAGEMENT	227.93	216.96	171.91
FARM LABOR CONTRACTORS	224.47	209.33	160.92
FARM MANAGEMENT SERVICES	271.18	306.40	278.30

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	42.5	41.0	40.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.1	43.3	44.5
TOTAL FIELD CROPS	50.7	50.9	52.2
COTTON	48.7	46.3	52.1
OTHER FIELD CROPS	53.5	56.4	52.5
VEGETABLES AND MELONS	48.1	48.6	50.7
TOTAL FRUITS AND TREE NUTS	41.4	39.9	41.4
GRAPES	43.7	40.4	41.8
TREE NUTS	42.2	44.3	45.8
CITRUS FRUITS	33.9	34.7	38.3
DECIDUOUS TREE FRUIT	40.4	40.0	41.3
OTHER FRUITS AND NUTS	39.8	38.3	39.0
HORTICULTURAL SPECIALTIES	43.8	48.7	38.9
GENERAL FARM PRIMARILY CROP	45.9	44.9	45.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.7	51.4	48.0
BEEF CATTLE FEED LOTS	49.6	48.1	58.8
BEEF CATTLE EXCEPT FEED LOTS	40.7	45.4	48.2
DAIRY FARMS	48.4	53.3	48.3
POULTRY & EGGS	46.0	46.0	45.1
OTHER LIVESTOCK	52.0	53.1	48.7
TOTAL AGRICULTURAL SERVICES	40.1	36.9	34.3
CROP SERVICES	39.6	39.1	42.2
PLANT CULTIVATE & PROTECTION	46.1	47.9	45.6
HARVEST PRIMARILY BY MACHINE	44.3	47.8	42.7
PREPARATION SVCS FOR MARKET	36.9	36.0	41.4
COTTON GINNING	36.3	38.1	41.8
TOTAL FARM LABOR & MANAGEMENT	40.2	36.1	31.2
FARM LABOR CONTRACTORS	39.8	35.3	29.8
FARM MANAGEMENT SERVICES	45.5	45.8	44.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	5.96	6.16	5.94
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.82	5.91	5.88
TOTAL FIELD CROPS	6.30	6.30	6.13
COTTON	6.48	6.69	6.26
OTHER FIELD CROPS	6.05	5.93	5.90
VEGETABLES AND MELONS	5.63	5.96	5.67
TOTAL FRUITS AND TREE NUTS	5.66	5.66	5.80
GRAPES	5.72	5.65	5.91
TREE NUTS	5.82	5.96	6.00
CITRUS FRUITS	6.89	7.13	7.14
DECIDUOUS TREE FRUIT	5.24	5.06	5.35
OTHER FRUITS AND NUTS	5.69	5.95	5.77
HORTICULTURAL SPECIALTIES	7.66	8.10	7.71
GENERAL FARM PRIMARILY CROP	5.76	5.83	5.68
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.10	7.07	7.13
BEEF CATTLE FEED LOTS	6.94	7.59	6.84
BEEF CATTLE EXCEPT FEED LOTS	8.31	7.96	6.83
DAIRY FARMS	7.13	7.13	7.21
POULTRY & EGGS	7.11	6.96	7.37
OTHER LIVESTOCK	5.83	5.86	6.49
TOTAL AGRICULTURAL SERVICES	5.91	6.28	5.76
CROP SERVICES	6.65	6.96	6.23
PLANT CULTIVATE & PROTECTION	7.52	7.69	7.04
HARVEST PRIMARILY BY MACHINE	6.58	7.63	6.22
PREPARATION SVCS FOR MARKET	6.34	6.60	6.01
COTTON GINNING	7.66	7.72	7.31
TOTAL FARM LABOR & MANAGEMENT	5.67	6.01	5.51
FARM LABOR CONTRACTORS	5.64	5.93	5.40
FARM MANAGEMENT SERVICES	5.96	6.69	6.24

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment

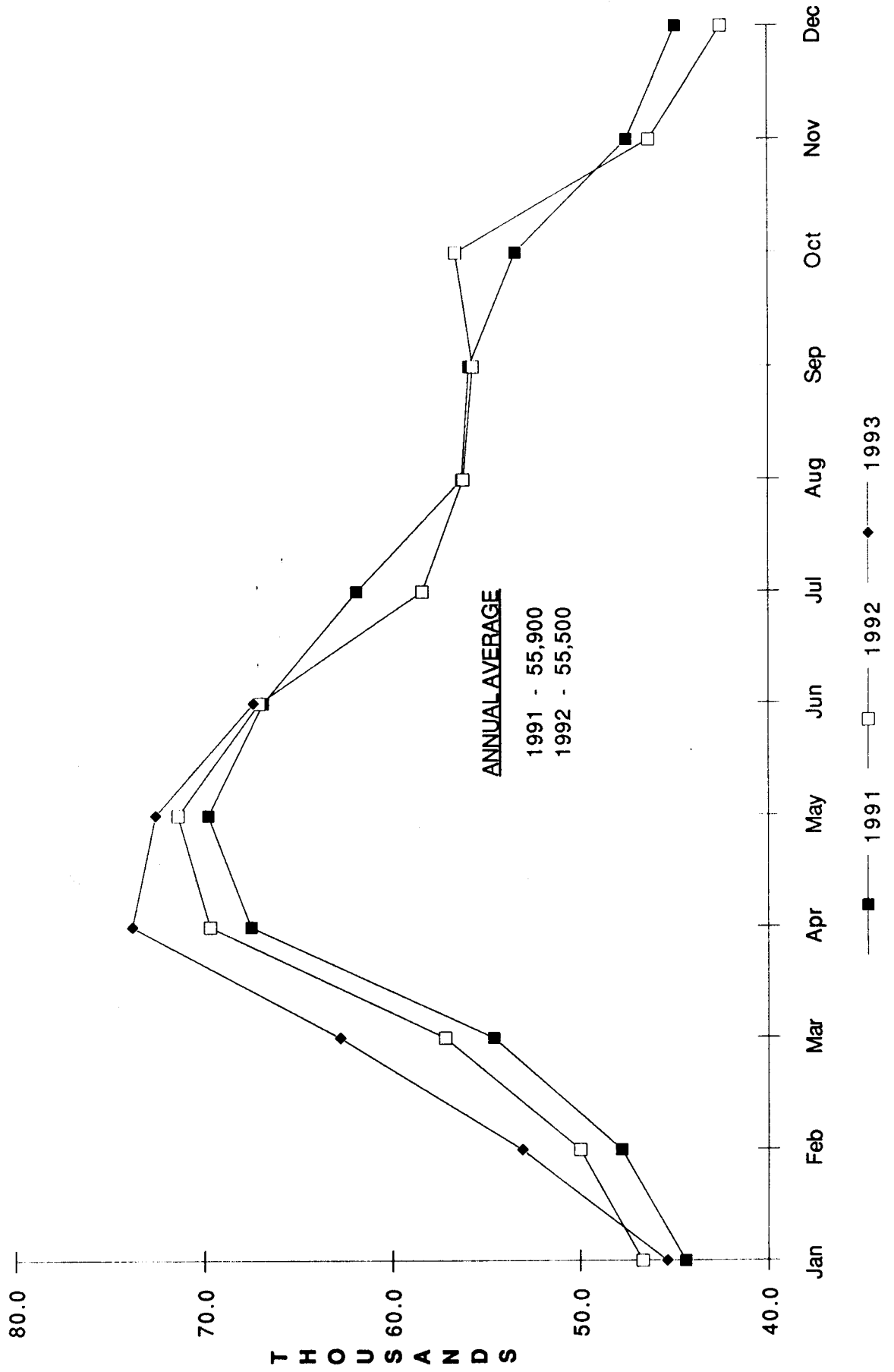


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	67.4	72.6	67.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	49.0	53.2	47.8
VEGETABLES AND MELONS	7.8	7.7	8.3
TOTAL FRUITS AND TREE NUTS	19.8	24.0	18.8
BERRIES	14.7	18.9	13.8
CITRUS FRUITS	2.1	2.1	2.1
OTHER FRUITS AND NUTS	3.0	3.0	2.9
TOTAL HORTICULTURAL SPECIALTIES	15.1	15.2	15.6
ORNAMENTAL FLORAL & NURSERY	14.2	14.4	14.7
FOOD CROPS GROWN UNDER COVER	0.9	0.8	0.9
GENERAL FARM PRIMARILY CROP	6.3	6.3	5.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.3	2.3	2.4
TOTAL AGRICULTURAL SERVICES	16.1	17.1	16.9
CROP SERVICES	5.4	5.6	5.2
HARVEST PRIMARILY BY MACHINE	1.9	1.9	2.4
PREPARATION SVCS FOR MARKET	3.5	3.7	2.8
TOTAL FARM LABOR & MANAGEMENT	10.7	11.5	11.7
FARM LABOR CONTRACTORS	9.2	9.8	10.0
FARM MANAGEMENT SERVICES	1.5	1.7	1.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	61.3	66.8	61.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.1	48.6	43.2
VEGETABLES AND MELONS	7.2	7.1	7.7
TOTAL FRUITS AND TREE NUTS	19.0	23.2	18.3
BERRIES	14.4	18.5	13.7
CITRUS FRUITS	1.8	1.8	1.8
OTHER FRUITS AND NUTS	2.8	2.9	2.8
TOTAL HORTICULTURAL SPECIALTIES	12.1	12.4	12.6
ORNAMENTAL FLORAL & NURSERY	11.4	11.7	11.9
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	5.8	5.9	4.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	1.9	1.8
TOTAL AGRICULTURAL SERVICES	15.2	16.3	16.1
CROP SERVICES	5.1	5.3	4.9
HARVEST PRIMARILY BY MACHINE	1.8	1.8	2.3
PREPARATION SVCS FOR MARKET	3.3	3.5	2.6
TOTAL FARM LABOR & MANAGEMENT	10.1	11.0	11.2
FARM LABOR CONTRACTORS	8.8	9.5	9.7
FARM MANAGEMENT SERVICES	1.3	1.5	1.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	269.86	279.14	264.77
TOTAL AGRICULTURAL PRODUCTION/CROPS	264.68	271.65	261.05
VEGETABLES AND MELONS	333.91	321.64	287.32
TOTAL FRUITS AND TREE NUTS	217.31	227.97	211.76
BERRIES	203.34	218.06	183.57
CITRUS FRUITS	265.91	254.24	262.44
OTHER FRUITS AND NUTS	256.94	276.32	280.25
TOTAL HORTICULTURAL SPECIALTIES	298.78	307.35	301.03
ORNAMENTAL FLORAL & NURSERY	296.02	305.59	296.42
FOOD CROPS GROWN UNDER COVER	339.48	342.76	383.36
GENERAL FARM PRIMARILY CROP	267.91	306.94	302.36
TOTAL AGRIC PRODUCTION/LIVESTOCK	320.35	337.35	369.50
TOTAL AGRICULTURAL SERVICES	277.43	294.17	262.08
CROP SERVICES	289.20	296.46	294.36
HARVEST PRIMARILY BY MACHINE	333.58	325.68	285.37
PREPARATION SVCS FOR MARKET	264.52	281.58	303.00
TOTAL FARM LABOR & MANAGEMENT	271.88	293.02	247.81
FARM LABOR CONTRACTORS	275.20	298.63	250.97
FARM MANAGEMENT SERVICES	244.08	261.93	225.34

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	41.2	41.6	39.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.1	41.6	40.1
VEGETABLES AND MELONS	46.7	47.3	41.4
TOTAL FRUITS AND TREE NUTS	36.4	35.9	34.1
BERRIES	34.7	35.4	29.8
CITRUS FRUITS	37.4	36.9	36.4
OTHER FRUITS AND NUTS	44.3	38.7	47.5
TOTAL HORTICULTURAL SPECIALTIES	47.5	47.8	46.1
ORNAMENTAL FLORAL & NURSERY	47.9	48.2	46.1
FOOD CROPS GROWN UNDER COVER	41.4	41.8	46.3
GENERAL FARM PRIMARILY CROP	36.7	44.1	45.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.0	45.1	48.3
TOTAL AGRICULTURAL SERVICES	41.1	41.2	36.4
CROP SERVICES	40.0	39.9	39.3
HARVEST PRIMARILY BY MACHINE	45.2	41.7	38.1
PREPARATION SVCS FOR MARKET	37.1	39.0	40.4
TOTAL FARM LABOR & MANAGEMENT	41.7	41.8	35.1
FARM LABOR CONTRACTORS	42.8	42.6	35.1
FARM MANAGEMENT SERVICES	33.9	37.1	35.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	6.55	6.71	6.72
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.44	6.53	6.51
VEGETABLES AND MELONS	7.15	6.80	6.94
TOTAL FRUITS AND TREE NUTS	5.97	6.35	6.21
BERRIES	5.86	6.16	6.16
CITRUS FRUITS	7.11	6.89	7.21
OTHER FRUITS AND NUTS	5.80	7.14	5.90
TOTAL HORTICULTURAL SPECIALTIES	6.29	6.43	6.53
ORNAMENTAL FLORAL & NURSERY	6.18	6.34	6.43
FOOD CROPS GROWN UNDER COVER	8.20	8.20	8.28
GENERAL FARM PRIMARILY CROP	7.30	6.96	6.66
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.45	7.48	7.65
TOTAL AGRICULTURAL SERVICES	6.75	7.14	7.20
CROP SERVICES	7.23	7.43	7.49
HARVEST PRIMARILY BY MACHINE	7.38	7.81	7.49
PREPARATION SVCS FOR MARKET	7.13	7.22	7.50
TOTAL FARM LABOR & MANAGEMENT	6.52	7.01	7.06
FARM LABOR CONTRACTORS	6.43	7.01	7.15
FARM MANAGEMENT SERVICES	7.20	7.06	6.42

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment

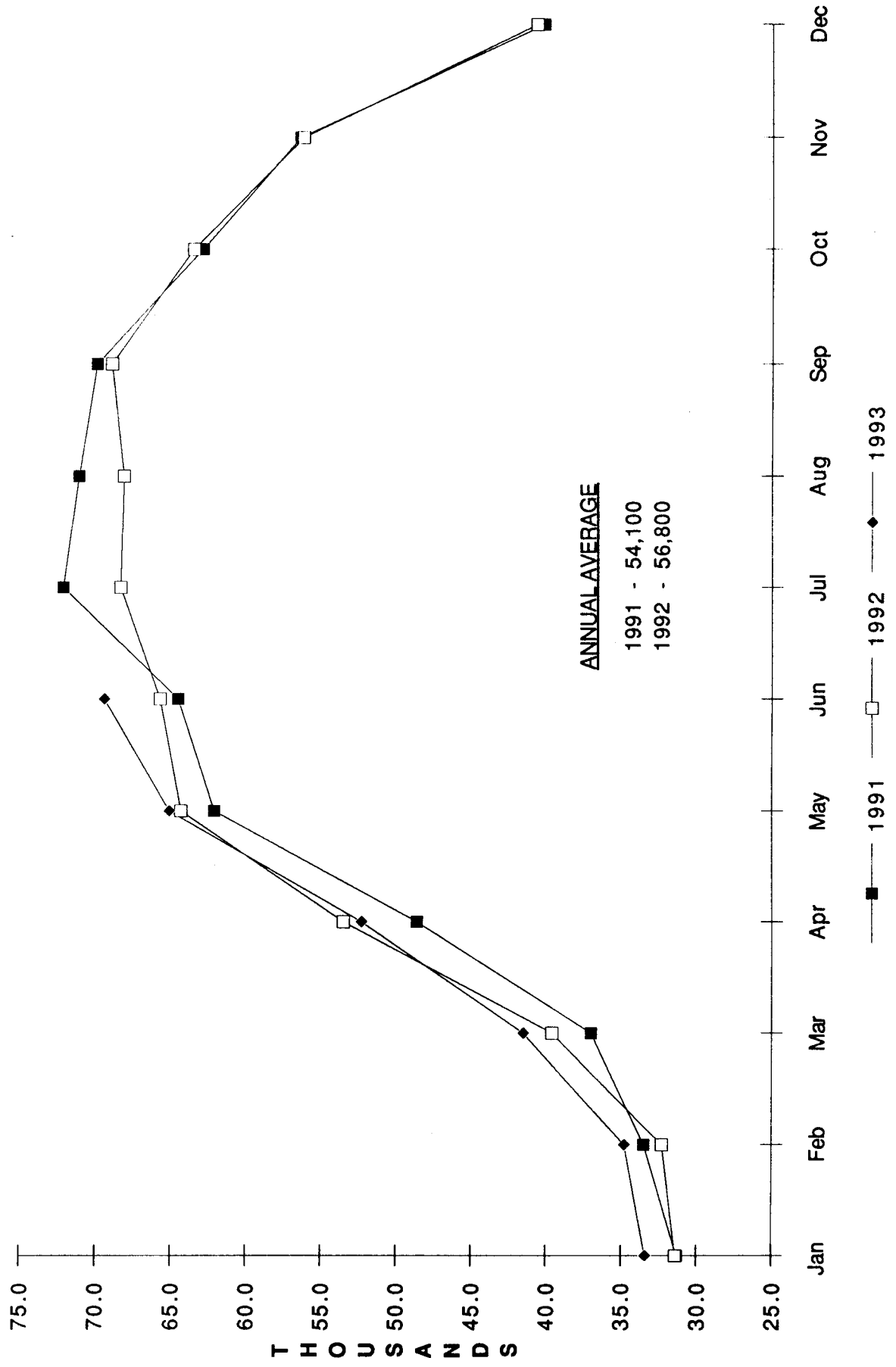


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	69.4	65.1	65.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.6	43.5	44.2
VEGETABLES AND MELONS	15.6	14.7	13.7
TOTAL FRUITS AND TREE NUTS	17.3	15.3	16.2
BERRIES	13.7	12.5	12.6
DECIDUOUS TREE FRUIT	1.9	1.0	1.9
OTHER FRUITS AND NUTS	1.7	1.8	1.7
TOTAL HORTICULTURAL SPECIALTIES	9.6	9.9	9.8
ORNAMENTAL FLORAL & NURSERY	7.5	7.8	7.7
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	4.1	3.6	4.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.1	1.1	1.1
TOTAL AGRICULTURAL SERVICES	21.7	20.5	20.4
CROP SERVICES	13.3	12.3	11.6
HARVEST PRIMARILY BY MACHINE	3.2	3.3	3.2
PREPARATION SVCS FOR MARKET	10.1	9.0	8.4
TOTAL FARM LABOR & MANAGEMENT	8.4	8.2	8.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	64.4	60.2	60.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.7	39.7	40.2
VEGETABLES AND MELONS	14.4	13.6	12.5
TOTAL FRUITS AND TREE NUTS	16.8	14.8	15.5
BERRIES	13.5	12.3	12.4
DECIDUOUS TREE FRUIT	1.8	0.8	1.6
OTHER FRUITS AND NUTS	1.5	1.7	1.5
TOTAL HORTICULTURAL SPECIALTIES	7.8	8.1	8.1
ORNAMENTAL FLORAL & NURSERY	6.0	6.3	6.3
FOOD CROPS GROWN UNDER COVER	1.8	1.8	1.8
GENERAL FARM PRIMARILY CROP	3.7	3.2	4.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.8	0.8	0.9
TOTAL AGRICULTURAL SERVICES	20.9	19.7	19.7
CROP SERVICES	12.5	11.5	10.9
HARVEST PRIMARILY BY MACHINE	3.1	3.2	3.0
PREPARATION SVCS FOR MARKET	9.4	8.3	7.9
TOTAL FARM LABOR & MANAGEMENT	8.4	8.2	8.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	304.98	314.15	310.48
TOTAL AGRICULTURAL PRODUCTION/CROPS	307.94	315.42	314.70
VEGETABLES AND MELONS	317.55	336.90	314.39
TOTAL FRUITS AND TREE NUTS	273.21	284.90	297.32
BERRIES	287.32	284.69	289.28
DECIDUOUS TREE FRUIT	154.11	259.75	228.63
OTHER FRUITS AND NUTS	289.67	305.89	310.80
TOTAL HORTICULTURAL SPECIALTIES	334.37	332.94	355.94
ORNAMENTAL FLORAL & NURSERY	317.30	312.80	352.44
FOOD CROPS GROWN UNDER COVER	391.15	401.64	369.77
GENERAL FARM PRIMARILY CROP	366.17	320.33	297.45
TOTAL AGRIC PRODUCTION/LIVESTOCK	307.43	296.80	337.57
TOTAL AGRICULTURAL SERVICES	300.17	312.80	299.87
CROP SERVICES	309.86	331.97	293.23
HARVEST PRIMARILY BY MACHINE	296.43	295.68	278.23
PREPARATION SVCS FOR MARKET	314.15	345.47	299.84
TOTAL FARM LABOR & MANAGEMENT	286.31	285.51	308.77

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	42.3	42.8	42.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.5	44.3	44.2
VEGETABLES AND MELONS	43.8	45.1	42.6
TOTAL FRUITS AND TREE NUTS	40.9	40.7	41.7
BERRIES	43.6	41.5	39.9
DECIDUOUS TREE FRUIT	25.9	41.1	40.9
OTHER FRUITS AND NUTS	34.2	35.2	42.0
TOTAL HORTICULTURAL SPECIALTIES	46.7	46.5	48.1
ORNAMENTAL FLORAL & NURSERY	46.8	46.0	49.5
FOOD CROPS GROWN UNDER COVER	46.4	48.1	43.4
GENERAL FARM PRIMARILY CROP	58.4	51.5	50.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	41.1	40.0	44.3
TOTAL AGRICULTURAL SERVICES	37.9	40.0	38.2
CROP SERVICES	36.8	39.9	36.7
HARVEST PRIMARILY BY MACHINE	37.1	38.3	36.9
PREPARATION SVCS FOR MARKET	36.7	40.5	36.7
TOTAL FARM LABOR & MANAGEMENT	39.6	40.1	40.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	7.21	7.34	7.34
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.92	7.12	7.12
VEGETABLES AND MELONS	7.25	7.47	7.38
TOTAL FRUITS AND TREE NUTS	6.68	7.00	7.13
BERRIES	6.59	6.86	7.25
DECIDUOUS TREE FRUIT	5.95	6.32	5.59
OTHER FRUITS AND NUTS	8.47	8.69	7.40
TOTAL HORTICULTURAL SPECIALTIES	7.16	7.16	7.40
ORNAMENTAL FLORAL & NURSERY	6.78	6.80	7.12
FOOD CROPS GROWN UNDER COVER	8.43	8.35	8.52
GENERAL FARM PRIMARILY CROP	6.27	6.22	5.89
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.48	7.42	7.62
TOTAL AGRICULTURAL SERVICES	7.92	7.82	7.85
CROP SERVICES	8.42	8.32	7.99
HARVEST PRIMARILY BY MACHINE	7.99	7.72	7.54
PREPARATION SVCS FOR MARKET	8.56	8.53	8.17
TOTAL FARM LABOR & MANAGEMENT	7.23	7.12	7.70

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary Employment

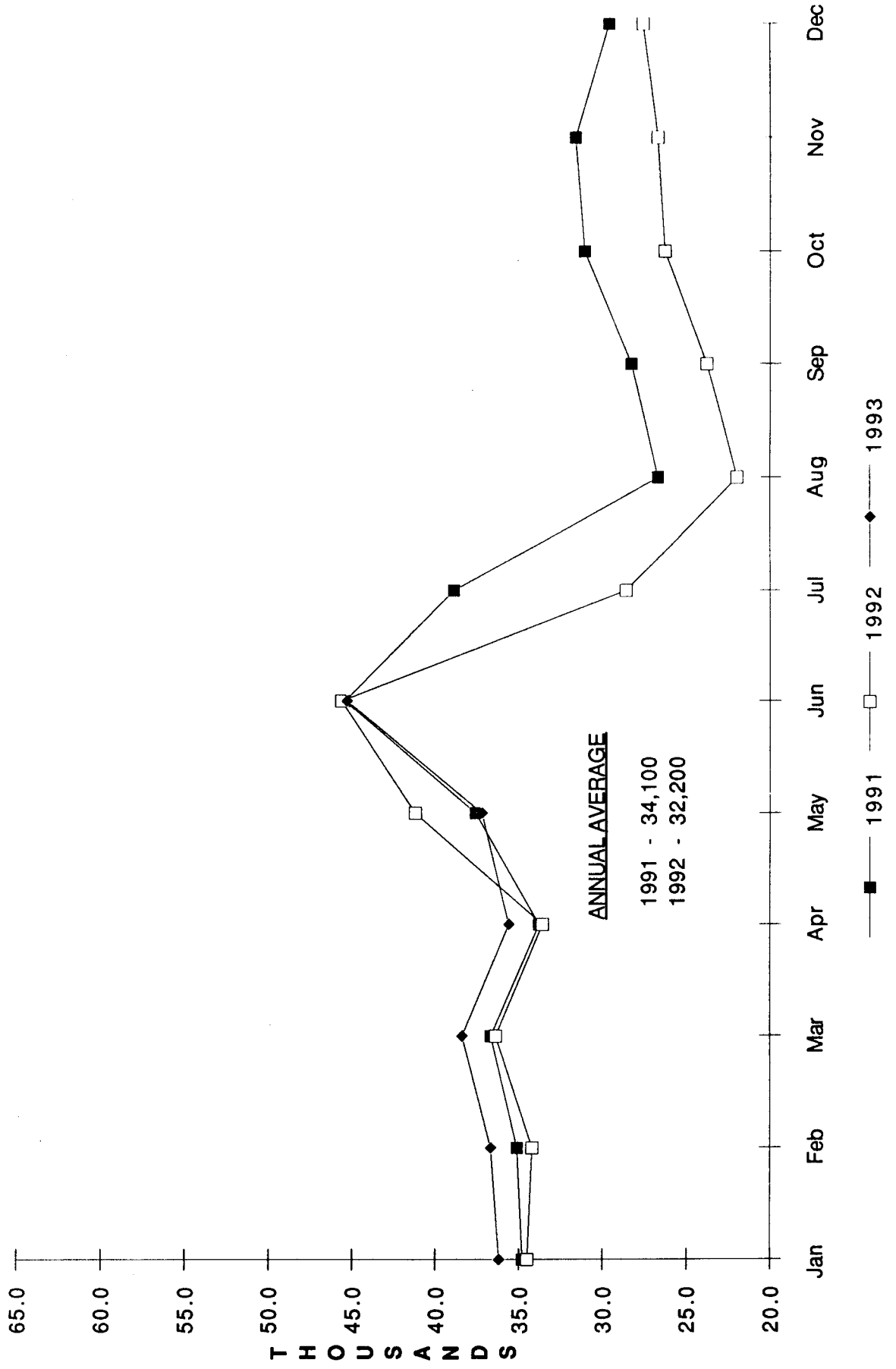


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	45.3	37.2	45.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	22.9	18.0	21.1
FIELD CROPS	1.6	1.6	1.6
VEGETABLES AND MELONS	1.6	2.0	2.1
TOTAL FRUITS AND TREE NUTS	13.4	8.7	12.6
GRAPES	11.0	6.0	10.2
CITRUS FRUITS	1.2	1.2	1.1
OTHER FRUITS AND NUTS	1.2	1.5	1.3
HORTICULTURAL SPECIALTIES	0.9	0.9	0.9
GENERAL FARM PRIMARILY CROP	5.4	4.8	3.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.5	5.5	5.4
DAIRY FARMS	2.7	2.7	2.6
CHICKEN EGGS	1.2	1.2	1.2
OTHER LIVESTOCK	1.6	1.6	1.6
TOTAL AGRICULTURAL SERVICES	16.9	13.7	19.1
CROP SERVICES	6.3	6.3	7.0
PLANT CULTIVATE & PROTECTION	1.1	1.0	0.9
HARVEST PRIMARILY BY MACHINE	0.8	0.8	1.3
PREPARATION SVCS FOR MARKET	4.4	4.5	4.8
TOTAL FARM LABOR & MANAGEMENT	10.6	7.4	12.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	43.4	34.8	43.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	22.1	16.9	20.2
FIELD CROPS	1.5	1.4	1.4
VEGETABLES AND MELONS	1.6	1.9	2.0
TOTAL FRUITS AND TREE NUTS	13.0	8.2	12.3
GRAPES	10.8	5.8	10.0
CITRUS FRUITS	1.1	1.1	1.0
OTHER FRUITS AND NUTS	1.1	1.3	1.3
HORTICULTURAL SPECIALTIES	0.7	0.7	0.8
GENERAL FARM PRIMARILY CROP	5.3	4.7	3.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.9	4.8	4.7
DAIRY FARMS	2.6	2.6	2.5
CHICKEN EGGS	0.9	0.8	0.8
OTHER LIVESTOCK	1.4	1.4	1.4
TOTAL AGRICULTURAL SERVICES	16.4	13.1	18.6
CROP SERVICES	5.9	5.8	6.6
PLANT CULTIVATE & PROTECTION	0.9	0.7	0.7
HARVEST PRIMARILY BY MACHINE	0.8	0.8	1.3
PREPARATION SVCS FOR MARKET	4.2	4.3	4.6
TOTAL FARM LABOR & MANAGEMENT	10.5	7.3	12.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	256.78	262.68	247.61
TOTAL AGRICULTURAL PRODUCTION/CROPS	240.72	248.61	263.35
FIELD CROPS	312.87	337.77	329.97
VEGETABLES AND MELONS	268.05	320.41	280.78
TOTAL FRUITS AND TREE NUTS	235.70	203.25	257.49
GRAPES	225.95	175.51	253.76
CITRUS FRUITS	296.52	280.96	307.27
OTHER FRUITS AND NUTS	275.37	258.42	240.96
HORTICULTURAL SPECIALTIES	337.95	353.91	358.82
GENERAL FARM PRIMARILY CROP	211.30	255.20	231.82
TOTAL AGRIC PRODUCTION/LIVESTOCK	386.80	426.83	401.31
DAIRY FARMS	434.40	514.67	486.10
CHICKEN EGGS	309.50	298.78	302.58
OTHER LIVESTOCK	349.18	346.08	307.09
TOTAL AGRICULTURAL SERVICES	239.23	220.43	191.06
CROP SERVICES	241.34	244.01	243.27
PLANT CULTIVATE & PROTECTION	263.45	307.69	316.07
HARVEST PRIMARILY BY MACHINE	118.14	156.24	171.67
PREPARATION SVCS FOR MARKET	258.32	248.86	252.25
TOTAL FARM LABOR & MANAGEMENT	238.29	202.77	162.69

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	37.0	39.8	36.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	35.4	39.4	38.9
FIELD CROPS	49.9	53.7	48.1
VEGETABLES AND MELONS	44.6	50.3	43.6
TOTAL FRUITS AND TREE NUTS	32.6	30.2	37.7
GRAPES	30.7	25.4	37.1
CITRUS FRUITS	42.3	38.7	43.4
OTHER FRUITS AND NUTS	42.3	43.8	37.3
HORTICULTURAL SPECIALTIES	38.1	41.2	47.4
GENERAL FARM PRIMARILY CROP	35.1	46.4	35.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.9	51.8	49.0
DAIRY FARMS	48.7	55.4	50.9
CHICKEN EGGS	50.0	47.2	47.5
OTHER LIVESTOCK	48.7	48.2	46.6
TOTAL AGRICULTURAL SERVICES	35.6	35.9	29.9
CROP SERVICES	38.8	40.2	39.3
PLANT CULTIVATE & PROTECTION	45.5	51.8	53.3
HARVEST PRIMARILY BY MACHINE	22.0	28.0	30.6
PREPARATION SVCS FOR MARKET	40.3	40.4	39.6
TOTAL FARM LABOR & MANAGEMENT	33.8	32.6	24.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	6.94	6.60	6.84
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.80	6.31	6.77
FIELD CROPS	6.27	6.29	6.86
VEGETABLES AND MELONS	6.01	6.37	6.44
TOTAL FRUITS AND TREE NUTS	7.23	6.73	6.83
GRAPES	7.36	6.91	6.84
CITRUS FRUITS	7.01	7.26	7.08
OTHER FRUITS AND NUTS	6.51	5.90	6.46
HORTICULTURAL SPECIALTIES	8.87	8.59	7.57
GENERAL FARM PRIMARILY CROP	6.02	5.50	6.53
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.91	8.24	8.19
DAIRY FARMS	8.92	9.29	9.55
CHICKEN EGGS	6.19	6.33	6.37
OTHER LIVESTOCK	7.17	7.18	6.59
TOTAL AGRICULTURAL SERVICES	6.72	6.14	6.39
CROP SERVICES	6.22	6.07	6.19
PLANT CULTIVATE & PROTECTION	5.79	5.94	5.93
HARVEST PRIMARILY BY MACHINE	5.37	5.58	5.61
PREPARATION SVCS FOR MARKET	6.41	6.16	6.37
TOTAL FARM LABOR & MANAGEMENT	7.05	6.22	6.56

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment

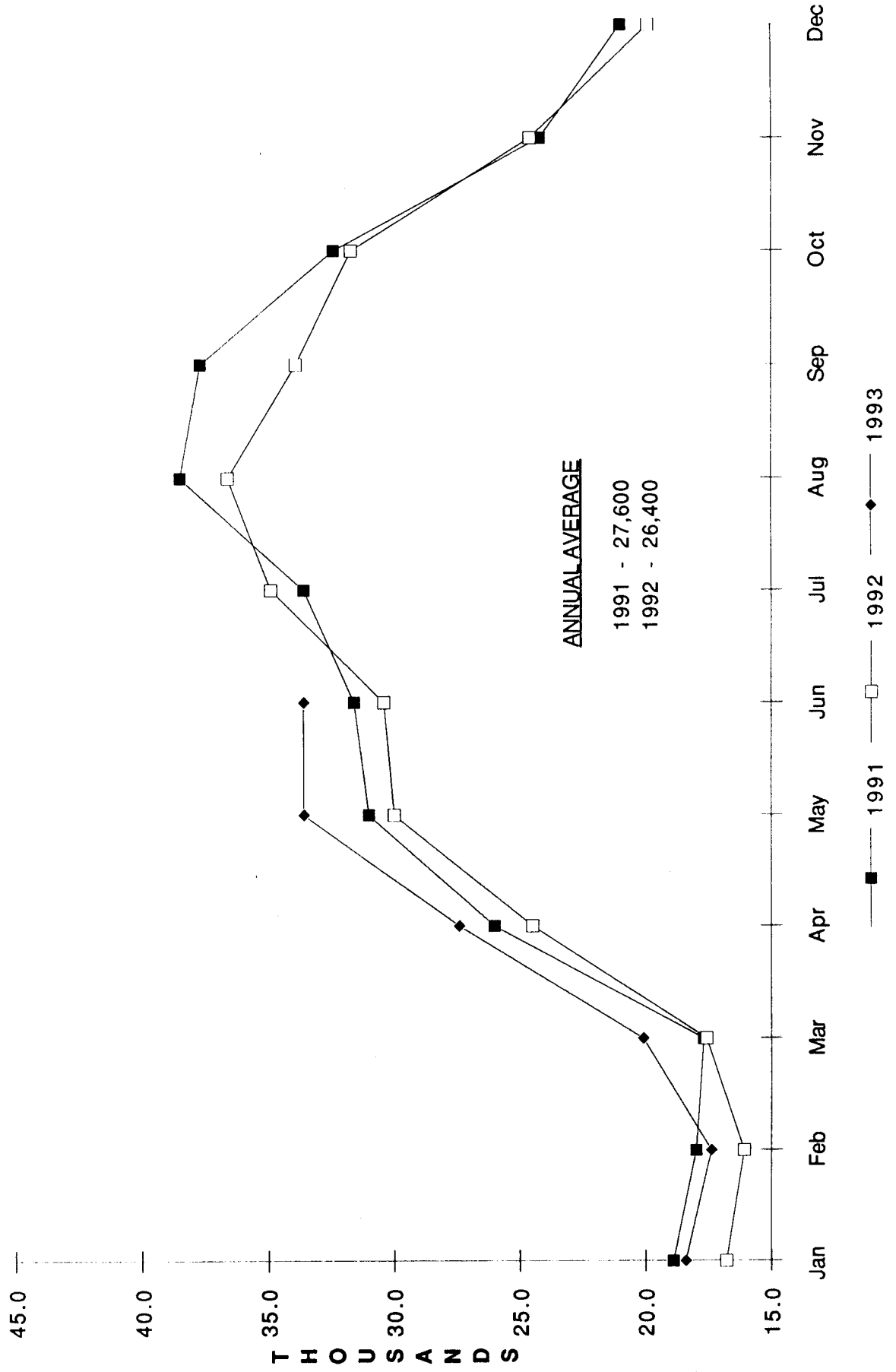


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	33.6	33.6	30.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	22.1	22.5	20.9
RICE	1.3	1.8	1.2
VEGETABLES AND MELONS	2.7	2.6	2.6
TOTAL FRUIT AND TREE NUTS	6.9	7.1	7.1
TREE NUTS	1.6	1.7	1.7
DECIDUOUS TREE FRUIT	3.5	3.7	3.4
OTHER FRUITS AND NUTS	1.8	1.7	2.0
HORTICULTURAL SPECIALTIES	2.9	2.6	2.0
GENERAL FARM PRIMARILY CROP	8.3	8.4	8.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.2	2.2	2.3
TOTAL AGRICULTURAL SERVICES	9.3	8.9	7.2
CROP SERVICES	2.8	3.1	2.5
HARVEST PRIMARILY BY MACHINE	1.7	1.8	1.4
PREPARATION SVCS FOR MARKET	1.1	1.3	1.1
TOTAL FARM LABOR & MANAGEMENT	6.5	5.8	4.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	30.7	30.8	27.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	19.9	20.5	19.1
RICE	1.1	1.6	1.0
VEGETABLES AND MELONS	2.2	2.4	2.5
TOTAL FRUIT AND TREE NUTS	6.4	6.6	6.5
TREE NUTS	1.5	1.5	1.5
DECIDUOUS TREE FRUIT	3.3	3.5	3.1
OTHER FRUITS AND NUTS	1.6	1.6	1.9
HORTICULTURAL SPECIALTIES	2.5	2.2	1.7
GENERAL FARM PRIMARILY CROP	7.7	7.7	7.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	2.0
TOTAL AGRICULTURAL SERVICES	8.9	8.4	6.6
CROP SERVICES	2.4	2.7	2.0
HARVEST PRIMARILY BY MACHINE	1.5	1.6	1.1
PREPARATION SVCS FOR MARKET	0.9	1.1	0.9
TOTAL FARM LABOR & MANAGEMENT	6.5	5.7	4.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	283.71	297.69	276.36
TOTAL AGRICULTURAL PRODUCTION/CROPS	297.88	309.17	292.47
RICE	326.14	396.20	359.58
VEGETABLES AND MELONS	441.97	374.40	364.77
TOTAL FRUIT AND TREE NUTS	254.15	250.06	257.70
TREE NUTS	257.23	286.12	277.55
DECIDUOUS TREE FRUIT	267.44	244.76	263.65
OTHER FRUITS AND NUTS	224.60	228.85	232.79
HORTICULTURAL SPECIALTIES	285.91	314.55	261.50
GENERAL FARM PRIMARILY CROP	292.72	320.16	295.39
TOTAL AGRIC PRODUCTION/LIVESTOCK	309.96	334.76	314.76
TOTAL AGRICULTURAL SERVICES	246.72	259.44	218.02
CROP SERVICES	322.83	382.82	302.36
HARVEST PRIMARILY BY MACHINE	340.87	456.88	345.19
PREPARATION SVCS FOR MARKET	292.80	266.85	250.50
TOTAL FARM LABOR & MANAGEMENT	219.02	202.08	180.95

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	49.0	50.2	48.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	49.4	51.7	51.4
RICE	46.0	52.2	54.4
VEGETABLES AND MELONS	61.9	62.4	59.7
TOTAL FRUIT AND TREE NUTS	44.2	45.3	46.1
TREE NUTS	42.1	46.6	45.8
DECIDUOUS TREE FRUIT	45.1	44.1	45.3
OTHER FRUITS AND NUTS	44.3	46.8	47.8
HORTICULTURAL SPECIALTIES	45.6	46.6	44.7
GENERAL FARM PRIMARILY CROP	51.9	55.2	54.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.2	51.9	46.7
TOTAL AGRICULTURAL SERVICES	48.0	46.0	40.3
CROP SERVICES	50.6	54.3	44.4
HARVEST PRIMARILY BY MACHINE	52.2	62.5	50.1
PREPARATION SVCS FOR MARKET	48.0	41.5	37.5
TOTAL FARM LABOR & MANAGEMENT	47.0	42.1	38.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	5.79	5.93	5.71
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.03	5.98	5.69
RICE	7.09	7.59	6.61
VEGETABLES AND MELONS	7.14	6.00	6.11
TOTAL FRUIT AND TREE NUTS	5.75	5.52	5.59
TREE NUTS	6.11	6.14	6.06
DECIDUOUS TREE FRUIT	5.93	5.55	5.82
OTHER FRUITS AND NUTS	5.07	4.89	4.87
HORTICULTURAL SPECIALTIES	6.27	6.75	5.85
GENERAL FARM PRIMARILY CROP	5.64	5.80	5.44
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.30	6.45	6.74
TOTAL AGRICULTURAL SERVICES	5.14	5.64	5.41
CROP SERVICES	6.38	7.05	6.81
HARVEST PRIMARILY BY MACHINE	6.53	7.31	6.89
PREPARATION SVCS FOR MARKET	6.10	6.43	6.68
TOTAL FARM LABOR & MANAGEMENT	4.66	4.80	4.70

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment

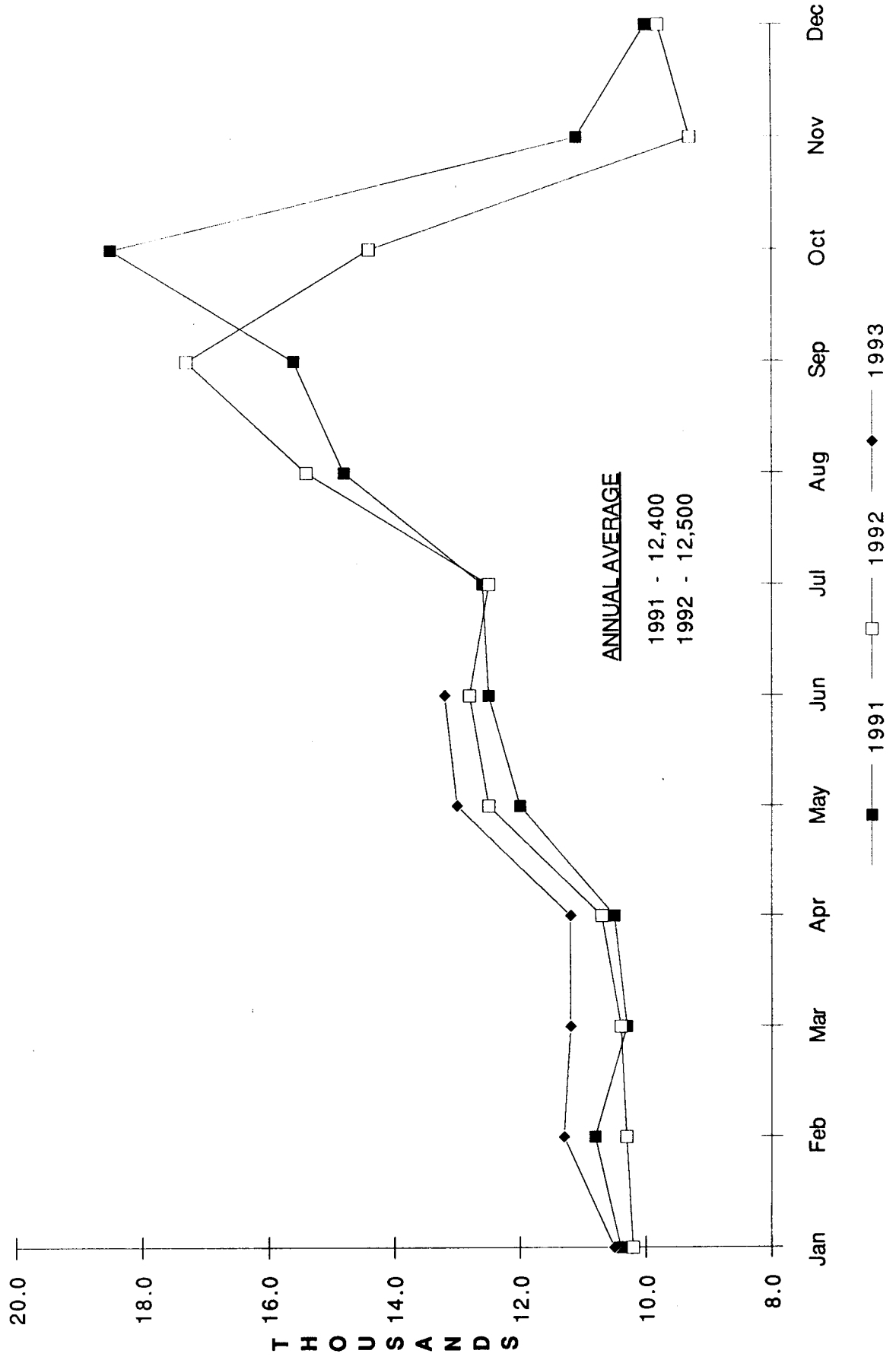


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	13.2	13.0	12.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.6	9.3	9.1
TOTAL FRUITS AND TREE NUTS	7.7	7.3	7.2
GRAPES	6.4	6.2	6.0
OTHER FRUITS AND NUTS	1.3	1.1	1.2
TOTAL HORTICULTURAL SPECIALTIES	1.2	1.4	1.3
GENERAL FARM PRIMARILY CROP (2)	0.7	0.6	0.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.1	2.0	2.1
TOTAL AGRICULTURAL SERVICES	1.5	1.7	1.6

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	10.9	10.9	10.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.8	7.8	7.3
TOTAL FRUITS AND TREE NUTS	6.2	6.0	5.8
GRAPES	5.0	5.0	4.7
OTHER FRUITS AND NUTS	1.2	1.0	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.0	1.2	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.7	1.7
TOTAL AGRICULTURAL SERVICES	1.3	1.4	1.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	309.23	330.02	327.86
TOTAL AGRICULTURAL PRODUCTION/CROPS	309.32	329.30	328.78
TOTAL FRUITS AND TREE NUTS	318.28	351.12	340.17
GRAPES	318.36	361.38	345.15
OTHER FRUITS AND NUTS	316.82	301.04	317.52
TOTAL HORTICULTURAL SPECIALTIES	266.90	238.01	296.67
TOTAL AGRIC PRODUCTION/LIVESTOCK	298.08	316.14	294.65
TOTAL AGRICULTURAL SERVICES	324.75	354.27	362.73

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	43.8	44.9	45.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.0	44.5	45.1
TOTAL FRUITS AND TREE NUTS	43.9	45.6	44.7
GRAPES	42.0	45.4	45.0
OTHER FRUITS AND NUTS	51.6	46.6	43.2
TOTAL HORTICULTURAL SPECIALTIES	41.9	36.9	46.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.0	47.9	45.4
TOTAL AGRICULTURAL SERVICES	39.7	43.9	48.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1993	MAY 1993	JUN 1992
TOTAL AGRICULTURAL	7.06	7.35	7.19
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.03	7.40	7.29
TOTAL FRUITS AND TREE NUTS	7.25	7.70	7.61
GRAPES	7.58	7.96	7.67
OTHER FRUITS AND NUTS	6.14	6.46	7.35
TOTAL HORTICULTURAL SPECIALTIES	6.37	6.45	6.38
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.48	6.60	6.49
TOTAL AGRICULTURAL SERVICES	8.18	8.07	7.51

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.